
FOLIO

Board of Governors Elevates Tuition Fees

Tuition fees will increase by 3 percent and faculty salary scales, including the value of increments, will increase by 2 percent. These developments emanated from the 12 April meeting of the Board of Governors.

"It seems to me that the 3 percent increase [effective 1 September 1985] is modest in relation to the total cost of education," President Horowitz said. The increase will help to combat the reduction to the base budgets of \$5.1 million and lead to the resurrection of some 15 positions that have been deleted.

The academic staff salary scales will rise by 2 percent on 1 July 1985. Increased costs of the medical, dental, disability and life insurance programs are included in the agreement so that benefit levels will not be reduced.

An information meeting at which AAS:UA members may enquire about the package will be held on 1 May (1:30 p.m.) in Physics 126.

Departmental Chairs

Janet Bentley, Chairman of the Educational Affairs Committee, informed the Board of the following appointments and reappointments all but one of which take effect 1 July 1985.

Charles Baker has been reappointed Chairman of the Department of Stomatology for a five-year period. Stephen Beveridge has been named Chairman of the Department of Finance and Management Science for a three-year term. Chester Bumbarger will again head the Department of Educational Administration for five years. Elizabeth Crown has been reappointed for three years as Chairman of the Department of Clothing and Textiles. Dr. Crown was first appointed Chairman in 1980.

Gordon Fearn will Chair the Department of Sociology for a five-year period.

Zenia Hawrysh has been reappointed Chairman of the Department of Foods and Nutrition for another five-year term.

Kenneth Jacknicke will take up the position of Chairman of the Department of Secondary Education for a five-year period.

Edward Mozejko has been appointed Chairman of the Department of Comparative Literature for a five-year term. Dr. Mozejko's term will begin 1 July 1986.

David Murray has been reappointed Chairman of the Department of Civil Engineering for a three-year term. Nathaniel Rutter has been reappointed Chairman of the Geology Department for four years.

Allan Tupper will Chair the Department of Political Science, for five years.

Warren Wilde has been appointed Chairman of the Department of Elementary Education for a five-year period.

Richard Young will serve as Chairman of the Department of Romance Languages for a five-year term.

Names of Former Presidents Perpetuated

The Governors heartily approved a motion to have the Alberta Research Council named the "Robert Newton Research Building" in honor of Dr. Newton, the University's fourth President and simultaneously, Director of Research, Research Council of Alberta.

Ownership of the 30-year-old facility was transferred from the ARC to the University on 1 April.

Dr. Newton served as President from 1942 to 1950. During these

years, the research dimension at the University began to spread its wings.

Now 96 years of age, Dr. Newton resides in a senior citizens home in Laguna Hills, California. One of his activities is the editorship of a newsletter. In a letter to President Horowitz, Dr. Newton indicated that he was pleased to hear of the enlargement of research facilities and was "deeply honored by your proposal to name the added building after me. I accept with pleasure and gratitude."

In other news from the Building Committee, Humanite Services Planning Ltd. has been appointed to carry out pre-design planning and programming services as regards the proposed University Collections Centre. "It is purely a planning process," Committee Chairman Jack Kennedy said.

Each stage of the work is to come before the Building Committee for approval. An amount not to exceed \$70,000 has been allocated for planning the first stage of the proposed Centre.

Another consultant, the firm Donald G. Bittorf Architect Limited, will check into the HUB Skylight Replacement.

It was also reported for information that the firm V.K. Mason Construction has been appointed as General Contractor on the project team for proposed renovations to the Earth Sciences Building. The work will be undertaken in two phases with completion scheduled for the early part of 1987.

The Building Committee advised the Board that the site for the Heritage Medical Research Building has been changed from east of the Clinical Sciences Building to 87 Avenue immediately to the east of the Alberta Research Council Building.

Vice-President (Academic) Meekison announced that 20 "special

awards" of \$2,500 each will be given to advanced PhD students on an annual basis. The awards, created with income from the investment of funds that the University received recently as gifts, will be known as "The Andrew Stewart Graduate Awards", in honor of the University's fifth President. The awards, which will debut in the 1985-86 academic year, will assist the students in the completion of their research projects.

Dr. Stewart was President from 1951 to 1958. He now resides on Vancouver Island.

Chairman Schlosser, on behalf of the Board, thanked outgoing student representatives Floyd Hodgins and Gary Genosko for their service and contributions. Mr. Genosko, miffed by the small turnout for the first Graduate Students' Research Symposium, was successful in getting the Board to officially recognize the event and, in effect, "back it." □

This Week's Quote

"I hope my resignation will send a clear message to the provincial Government that it is completely mishandling its relationship with its universities."

Source: Len Bruton, Dean of Engineering, University of Victoria, as quoted in *CAUT ACPU Bulletin* April, 1985. The kicker is that UVic President Howard Petch said Dr. Bruton's resignation had hastened an acceptable resolution of immediate funding problems for the engineering school. □

Rutherford Awards Presentation Set for 7 May

On 7 May at 3:30 p.m. at University House, the fourth annual presentation of Rutherford Awards for Excellence in Undergraduate Teaching will take place. The 1985 recipients of the University award named after Alberta's first Premier are Eugene Lechelt (Psychology), S.R. Munro (East Asian Languages and Literatures), Rosemary Nielsen (Classics) and R.A. Pendergast (Economics). Each will receive a plaque and a cheque for \$2,500. Drs. Lechelt and Munro are profiled here; articles on Drs. Nielsen and Pendergast will be published next week.

Eugene Lechelt

No student will ever develop Popeye-like forearms carrying books to Eugene Lechelt's psychology classes. The Rutherford Award winner does not outlaw texts in class, it is just that he favors the spoken word. "I have never entered a classroom and said, 'Let's turn to page 98,'" says a man who has taught courses at all levels of the department's calendar since 1972. He has, in fact, instructed literally thousands of students in introductory psychology, these students coming from

all Faculties, as this is a service course.

About 80 percent of the material presented by Dr. Lechelt is not in textbooks and up to 50 percent of any of his exams is drawn exclusively from lecture material that is not in a text or texts. He feels it is important for lecturers not to be tied to textbooks. Failing that, the lecturer should try to provide a modicum of information that is not in a book and integrate it into a larger context.

Eugene Lechelt's formula for teaching success has three basics—thorough preparation, enthusiasm, and respect for the class and the individual student. He likes to spend an hour or more reviewing material before a lecture, even if it is material that he has taught for 10 years. As for enthusiasm, he still relates to a number of teachers here (he took his BSc, MSc and PhD degrees at this University) who spoke and acted in a way that all but made him jump up and declare that he wanted to become a political scientist or a chemist or a practitioner of the particular discipline which he happened to be learning about at the time.

Dr. Lechelt always tries to respond to questions no matter how simplistic or naive. However, as Psychology classes these days are being attended by hundreds of students, the individual teacher has to run a formal class. Still, injections of practical applications can enliven the lecture theatre. A lecture, Dr. Lechelt feels, has more meaning if examples are introduced from time to time. If they are of a personal nature, so much the better.

Another characteristic of his that is appreciated by students is his willingness not to take himself too seriously and appear to be all-knowing. "It is alright to say you do not know the answer to a question but be sure to look into the matter and come back with the answer."

In a Lechelt class, the first minute or two is spent reviewing what was discussed at the last class. Students are then given a skeletal outline of what is going to be covered in that class. "They are aware of the material and you impose constraints on yourself that you have to meet," he says. A flashcard allows Dr. Lechelt to keep track of key points during his lecture.

He also keeps a log which contains an entry about each class. He notes what works and what does not work and reviews the entries at such time as a course is about to be overhauled.

Of course, what works for Dr. Lechelt may not be suited for another teacher. That his methods leave a student with a satisfied mind is evident in endorsements such as, "Despite the anxiety that most examinations bring on, I generally found myself more prepared and less anxious in his courses because of the manner in which he had presented his subject matter to me as a student." Or, "Dr. Lechelt knows his subject material and presents information in a well-organized and comprehensive manner. He invites questions and encourages class participation. I feel he respects his students and appreciates their ideas and input." And, "In accessing an individual's ability to teach, the real test comes when you analyze what has been retained. While the materials that I have covered in many of my university courses are now nearly forgotten, the concepts, theories, and a great percentage of the specifics covered by Dr. Lechelt remain salient."

A psychologist at Princeton University where Dr. Lechelt was a Research Associate in the Cutaneous Research Project from 1969 to 1972, recalls that Dr. Lechelt was charged with the design of laboratory experiments and the supervision of teaching by a dozen individual laboratory instructors. "Dr. Lechelt managed to develop interesting and stimulating research projects for the introductory classes and to integrate these with the lectures by requiring that lab instructors attend lectures and design their lab orientation talks to emphasize the lecture points. The major problem of keeping the laboratory work relevant to the lectures was thus solved by careful design and firm discipline in the teaching corps."

Another contributor to the substantial amount of documentation supporting Dr. Lechelt's nomination for the Rutherford Award says it is nice that his (Dr. Lechelt's) students appreciate his talents as well. "I only wish that I could join them at the back of the room."

Stan Munro

Imagine yourself in a lecture hall, waiting for your first lesson in Chinese. You know this is going to be worse than learning any Western language. Not only will you not understand a single spoken word; you won't understand a single written character either. *Everything* will be Greek (or perhaps Chinese) to you.

Then Stan Munro comes in, distributes chopsticks, and teaches you—in Chinese—how to use them, working in, at the same time, an explanation of the four tones used in Mandarin.

While you are amusing yourself learning this new manual skill, you have forgotten to be afraid of the exotic language that seemed so formidable. And—an example of the best teaching practice—this basic lesson in the four tone system is tied to a memorable physical experience.

Professor Munro, Chairman of East Asian Languages and Literatures, has a command of the Chinese language that most native speakers marvel at, teaching in four major areas.

Introductory level courses in Modern Standard Chinese are his forte, and over the 10 years he has taught them, the enrolment has more than tripled.

Modern Standard Chinese (Mandarin) for speakers of other Chinese dialects is an area that was pioneered by Professor Munro. These courses fill a real need for students from Hong Kong who realize that mastery of Mandarin may soon be necessary for success in their careers. They will face a prejudice summed up in the old proverb, "I'm not afraid of fire, earthquakes and floods, but I am afraid of a Cantonese who tries to speak Mandarin." But Professor Munro himself faces a great challenge when, as a non-native speaker, he sets out to instruct native speakers, even though of a different dialect. That he has been so successful with this course is a tribute to his mastery of Chinese as well as to his skill as a teacher.

Third- and fourth-year advanced Chinese courses and graduate courses in Chinese literature, taught in cooperation with the Department of Comparative Literature, comprise his third area of instruction; and he also

FOLIO

Volume Twenty-one
Number Thirty-six

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The Office of Community Relations
produces Folio on a regular basis for the
staff and other interested persons. Folio
contents may be reprinted with
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ISSN 0015-5764

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teaches Chinese literature in English translation.

A good teacher is creative and imaginative, says Professor Munro. A good teacher is also born with a love of teaching and with a love of his students, and Professor Munro loves teaching and loves his students as individuals and individually. "I am father, mother, sister, brother and friend to them," he says, adding that a teacher is not only an academic mentor, but is someone who serves as a role model for life as well. A good role model should acquire a broad circle of friends and be in contact with people in other walks of life, Professor Munro believes, for, as Confucius said, loosely translated, "When any group of people get together, at least one of them can be my teacher." Professor Munro has been a cook and a gardener, has worked in a shoe factory and has been a tool and die maker. These experiences enable him to be comfortable in any situation, he feels, and this helps his students feel comfortable with him too.

Some attributes of good teaching can be learned, Professor Munro believes. The ability to communicate, for instance, can be developed, as can a sense of humor. The good teacher will learn to be punctual; to make the best use of time; to avoid distracting habits; to know students by name immediately.

Professor Munro's goal is to make everyone of his students better than himself and to bring them along as far and as fast as possible. His job, he says, is to make them good students of Chinese and he will do whatever is necessary to get that to happen. And if that means burning the candle at both ends, working seven days a week and keeping very late hours in order to fit everything in to his full life, he is prepared to do that.

An outstanding example (if sometimes an exhausted one) of the busy man finding the most time, Professor Munro is involved in the arduous task of translating Chinese literature into English so that it becomes literature in the second language, too. He also has season tickets to the symphony, opera, ballet and Stage West. Far from falling asleep on these occasions, he finds the music an energizer and a restorer. He watches all the sporting events his two children participate in; builds furniture and remodels his house; as well as being available always to his students, taking calls from

them at all hours, meeting them in coffee shops and making cultural experiences of class parties in Chinese restaurants.

A native of New England, Professor Munro joined the U.S. Air Force after an apprenticeship as tool and die maker with General Electric. The military sent him to Yale to study Chinese and it was service in Japan and Korea that gave him his first live taste of the East, which he says he fell in love with. On leaving the military he obtained a BA (1962) and an MA (1965) in Chinese Language and Literature from the University of Hawaii, where he was also awarded the Masters' Marshall for the highest MA academic average. In 1969, he received an MA (Equivalent) in Linguistics from the University of Toronto. The Chinese Canadian National Council recently presented him with a Certificate of Appreciation in recognition of his services to the Edmonton Chinese community.

Professor Munro's first appointment at the University of Alberta was in 1966 as half-time foreign student advisor and half-time lecturer in the ESL program, which he set up and which now operates under the aegis of the Faculty of Extension. He has taught linguistics, was briefly Assistant Dean of Arts and was one of the prime movers in the establishment in 1976 of the East Asian Languages and Literatures Department. The Chinese language program as it exists now was initially planned and organized by Professor Munro, who has been chairman of the department since 1982.

Making his department's undergraduate program in Chinese and Japanese the very best in North America, is Professor Munro's next goal. □

PACSH Vacancy

The President's Advisory Committee on Sexual Harassment has a vacancy for one male member of the non-academic staff.

The male non-academic staff member is required to serve as an alternate member of PACSH for a term of office beginning 1 July 1985 and expiring in June 1987.

Alternate membership on PACSH does not require attendance at meet-

Universities Crucial to High Tech Development, Planche Says

University research and development is crucial to the development of high technology industries in Alberta, said Economic Development Minister Hugh Planche, at a dinner given recently by the Edmonton Council for Advanced Technology (ECAT).

Reporting progress on the government's White Paper on Science and Technology, Mr. Planche said it had drawn useful responses from the public. It was clear now that new initiatives were needed from all sectors of the economy.

"Universities must have a commitment to the loan of brains. The resources that can be committed are an enormous asset for Alberta's future," Mr. Planche told the largest yet gathering of ECAT members, drawn from business, municipal and provincial government, high tech industry and the University. But universities must be in tune with industry's needs, he added. One way of ensuring this, he felt, could be through the funding of more chairs by private industry. It is important to have a stable and continuous source of research funds for the natural sciences and engineering, he said; but the universities must stop counting on one cheque a year from Advanced Education. Support must come from the private sector as well as from both areas of government.

The need for seed capital for new ideas might be met, Mr. Planche suggested, "by having the three Deans [Science, Engineering, Business] sitting in an *ad hoc* committee judging

requests for seed money. The Dean of Business could take the requests downtown, get fifty grand from business and the government would refund the donors twenty grand."

Mr. Planche counted off some 20 factors and strategies to be considered in developing high tech industries in Alberta, among them:

- Joint industry/government/university initiatives;
- Foundation of science and technology policies by the universities;
- Job creation through home-grown industry, where the future of Alberta lies;
- Research seen as a continuum, with funding support—through creative financing from all sectors—necessary for the whole of the continuum;
- Public understanding of Alberta's technology strategies;
- Establishment of centres of excellence to attract first-class scientists and to create a new focus for science and technology development;
- Clear signals from government and industry to universities and institutes that R&D is significant and that there is a future in it;
- Establishment of innovation centres;
- Mechanisms to support local entrepreneurs;
- Encouragement for entrepreneurs to move to Alberta, including smoothing of entry procedures.

The government is writing a policy proposal on science and technology, now in its fourth draft. "Please, as members of this group in Edmonton, read these position papers," the minister said, and asked his audience to make their views known. "We will listen to your objections," he said. "If the position papers are not right, we will try it again."

If business, industry, the universities and the institutes are able, Mr. Planche concluded, then the government and his ministry are dedicated to doing everything possible to make world-class, high tech industrial development a reality in Alberta. □

Minister's Advisory Committee on University Affairs Convening Session in University Hall

The Minister's Advisory Committee on University Affairs will be conducting public meetings 29 and 30 April and 1 May. This University will host the 30 April meeting in 3-15 University Hall from 10:30 a.m. to noon and from 2 to 5 p.m. All are welcome to attend.

The Advisory Committee on University Affairs deals with matters relating to university education in Alberta. At past meetings the committee

has considered briefs and presentations on such issues as increasing enrolments, part-time student needs, university relations with industry and the private sector, and degree granting status for colleges.

After hearing presentations from a variety of individuals and groups, the committee reports to and advises the Minister of Advanced Education on the issues brought to its attention. The committee may also suggest a course

of action which a particular group or individual may take in having its concerns addressed.

The University Affairs Committee is one of six advisory committees reporting to the Minister of Advanced Education. The other committees deal with college affairs, further education,

student affairs, technical/vocational education and Native peoples' education. The Advisory Committees on Native Peoples' Education and Technical/Vocational Education also advise the Ministers of Alberta Education and Alberta Manpower, respectively. □

Steve Fonyo Offered Scholarship

Steve Fonyo received more than a donation to cancer research during his visit to campus 13 April. In presenting Mr. Fonyo with a \$10,000 cheque raised by the University community, President Horowitz extended an invitation to Mr. Fonyo to attend the University on a four-year, \$5,000 annual scholarship.

Dr. Horowitz said, "I have been touched personally by him and I thought long and hard about what we could do. We raised money for his run and renamed our outdoor track the Steve Fonyo Track but I felt something special should be done just for

him, something which no one else has done."

The offer guarantees Mr. Fonyo admission to any of the non-quota Faculties and the \$5,000 per year would cover tuition, accommodation and sundry other costs associated with attending, in his case, an out-of-province university.

The University is continuing its fund raising campaign until the end of April (as of last week more than \$13,000 had been raised). Those wishing to contribute should send cheques payable to "Journey for Lives" to W-108 Physical Education Complex. □

Faculté Saint-Jean Library Awarded Monies by Fonds Saint-Jean and Secretary of State

Faculté Saint-Jean Library has been awarded a grant of \$27,200 from Fonds Saint-Jean for the organization and preservation of their 10,000 volume special collection. The fund will allow the Faculté Saint-Jean Library to hire a librarian and a library technician for six months, 1 May to 31 October 1985. The fund will also permit the purchasing of shelving, acid-free supplies, and the binding of certain materials.

Faculté Saint-Jean Library has also been awarded a sum of \$36,820 from the Department of the Secretary of State under its program "Special Projects, 1984-85, Canada-Alberta Agreement on the Official Languages in Education." The fund is a cost-

shared contribution of 50 percent toward the establishment and development of reference service at the Faculté Saint-Jean Library. The other 50 percent of the project cost was funded by the University Library. The money will be used to improve reference service and the reference collection. An on-line catalogue terminal has been ordered, to provide direct on-line access to the main campus libraries resources. A Macintosh computer is being considered to permit automated reference searches and word processing. Approximately \$24,000 will go toward updating the present print and microform reference collection. □

Beyond the Board Room

In addition to meeting monthly to conduct high level affairs of the University, the Board of Governors is active on other fronts. For example, at the Board's request a meeting with the Edmonton Caucus was held on 10 April at Government House. Sixteen of the 18 members of the Board attended and participated in the discussions of items of mutual concern. This was the first meeting of its kind and will be repeated at least once a year.

The Board's annual seminar took place 22 and 23 April on campus. Part 1 concerned an examination of the role of universities internationally, with particular emphasis on the Pa-

cific Rim. John Bruk, Chairman of the Asia Pacific Foundation, was the keynote speaker. Faculty members Stan Munro and Brian Evans, Amy Zelmer, Associate Vice-President (Academic), and Morris Maduro, Department of Federal and Intergovernmental Affairs, acted as resource persons.

Part 2 saw Vice-President (Academic) J. Peter Meekison take members through the planning processes in place at the University.

On 10 May, there will be a joint meeting of the Board of Governors and the University of Alberta Hospitals Board. □



Gertrude Greene of Edmonton, who turned 90 on 4 April, chats with Michael Watson, Deputy Director of the Youville Geriatric Day Clinic, Edmonton General Hospital. Mrs. Greene recently donated \$5,000 to the Faculty of Medicine's Division of Geriatric Medicine. The money will assist Dr. Watson with his research in geriatrics.

Province Pumps \$13 Million into Microelectronic Centre

A microchip fabrication facility will be established at this University following an announcement, made recently by the Alberta government, of three major initiatives in the field of advanced electronics.

A total of \$13 million is being given to the Alberta Microelectronic Centre, which is located on campus, to manage not only the fabrication facility at the University but also a design centre at the University of Calgary.

The fabrication facility will be located in the recently acquired Alberta Research Council building and it will work closely with the Department of Electrical Engineering. The facility, which is intended to be operative in a year, will centre its operations on the research and industrial applications of microchips and will be the only facil-

ity of its kind in Alberta. The microchips to be fabricated on campus are the miniaturized electronic components that make many of today's high technology products possible.

The University of Calgary's design centre will complement the Edmonton facility as it will place emphasis upon design and development aspects of the microchip fabrication.

The second initiative involved in the province's announcement is a telecommunications research centre which is jointly funded by the University and Bell Northern Research. To be located at Bell Northern's Edmonton facilities, the centre will focus on two major areas: fibre optics to aid in electronic communication and computer-aided design of micro-

electronic products and services. Four million dollars have been designated to this project by the provincial government.

An Electronics Industry information centre is the third initiative the province is introducing. The development of electronics products is directly linked to the availability of technical information. This information is growing at an explosive rate, while, at the same time, development cycles are

shortening. To assist the industry to continue to develop advanced technology, this information centre will create a computerized network linked to an information bank. The bank will be accessible by Alberta electronics manufacturers and will therefore allow them the most up-to-date technical and design information available. The government is contributing approximately \$1.5 million toward this project. □

International Development Links

- Tipvanna Ngarm-Suk; Vice-Dean, Faculty of Technology; Head, Department of Food Science, Khon Kaen University, Thailand; will be on campus for 6-8 weeks, beginning 23 April.
- A delegation from teacher training institutions in the People's Republic of China will be visiting the University of Alberta 22 and 23 May in connection with a World Bank Project.
- Nancy Gerlin, Health Programs, CIDA, will be on campus 23 and 24 May to discuss possible involvement in a program of women's education in Bangladesh.
- The following projects are currently being considered for development by the agencies listed below:

Inter-American Development Bank

Argentina - Agriculture technology involving research, extension, and support services.

Colombia - Expansion of higher education through distance education.

World Bank

Brazil - Project for science and technology consultancies and visiting professors.

Cameroon - Further education and vocational training—primary teacher training colleges, technical secondary schools.

Kenya - Sixth Education Project - primary teacher and university staff training, agricultural training, secondary curriculum development. Consultant services also required.

Basic Manpower International - DaQing Oilfield Training

Requires consultancy in the following areas: preliminary evaluation, evaluation of faculty and staff, evaluation of courses, projection of needs, training of faculty and engineers abroad, technical and reference library, computer consulting services, equipment and teaching devices.

BMI also requires curriculum experts in petroleum-related areas.

University of Alberta International Development Register

The President's Advisory Committee on International Development invites faculty and staff with experience/interest in international development to lend their expertise to the Register.

A publicly available data bank, the Register lists about 400 individuals at Alberta universities who have lived and worked for three months or more in countries other than Canada, the United States, and those of Western Europe. Each person listed is asked to update his or her section on an annual basis.

Other faculty and staff with similar interests and concerns can be consulted readily. Referrals to people listed in the Register allow Alberta universities to respond quickly and effectively to enquiries about international development.

You can search Register data by signing on to your MTS account and entering the command \$LIST PCI3:DINT.DOC. To run the program, simply enter \$RUN PCI3:DINT.

For further information or to join the Register, contact:



International Development Register
3-4 University Hall
University of Alberta
Telephone 432-3213

May 1985

April	June	July
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



Two young Albertans discover the creative possibilities of the IBM Personal Computer. Students from kindergarten through University will benefit from a recent donation to our University of \$2.2 million in equipment, software and personnel from IBM Canada Ltd., and one from Advanced Education of \$431,000. Over the next three years, this will enable programs and approaches—never possible before—to be developed, using personal computers as a means to enhance learning.

sunday	monday	tuesday	wednesday	thursday	friday	saturday
			1 ■ Last day for receiving registrations for Summer Session 1985 ■ Last day for receiving applications for admission to BFA (Art and Design) and Rehabilitation Medicine programs	2	3 ■ Board of Governors ■ Last day of program in fourth-year medicine	4
5	6 ■ Spring Session first term and full session courses begin (classes will be held on Saturday, 11 May, in lieu of the 20 May Victoria Day Holiday) ■ GFC Executive	7 ■ Presentation of Rutherford Undergraduate Teaching Awards	8	9 ■ Charter Day	10	11
12	13 ■ GFC Executive	14	15 ■ Notice of intention regarding attendance at Spring Convocation must be given by noon	16	17	18
19	20 ■ Victoria Day; University buildings closed	21	22 ■ NASA General Meeting	23	24 ■ GFC	25
26	27 ■ Second term courses begin for Spring Session 1985	28	29	30 ■ Board of Governors Retirement Function	31 ■ Spring Convocation ■ GFC Executive	

Education Sponsors Major Conference on Human Science Research

The 4th Annual Human Science Research Conference, to be held 21 to 25 May in the Faculty of Education, is attracting experts from throughout the world.

The conference will include symposium sessions on: "Sources of Childhood Turmoil and Anchors of Security"; "A Study of Values and Sex Education"; "The Phenomenological Experience of Psychological Treatment"; "Language and the Human Sciences"; and "Responsibility and the Human Sciences."

In excess of 100 papers will be given. Their titles include "Home Schooling Grounded in Family Life"; "Researching the Life of Illness: Doctor Without Technology - What Then?" "Working With Words:

Young Children as Writers"; "Experiences of Teaching School Age Children Who are Neglected, Abused or Handicapped: A Phenomenological Study of Teachers' Perceptions"; "The Young Child's Sense of Social Time and the Clock"; "A Phenomenological Study of Forgiving Another"; "Children's Beauty Pageants: A Descriptive Study"; and "Structural Similarities Between Teaching and Psychotherapy".

A presentation by Catalyst Theatre will take place at the close of the first full day of sessions, 22 May.

Conference delegates will hear from Stan Bennet, University of Maryland; Carol S. Becker, California State University; Jack Ling, Boston University; Joseph Schubert, University of Sas-

katchewan; Beverly Hardcastle, Southwest Texas State University; Renata Tesch, The Fielding Institute; Makoto Tsumori, Aiiiku Research Institute, Japan; and Helmut Danner, University of Munich.

Sponsors of the conference are: the Faculties of Arts and Education; the Department of Secondary Education; the University of Alberta Alma Mater

Fund; the Centre for Advanced Study in Theoretical Psychology; the Social Sciences and Humanities Research Council of Canada; and the Clifford E. Lee Foundation.

The conference coordinator is Max van Manen, Secondary Education, and the program chair is Rod Evans, Educational Administration. □

Noted Writers Here for Conference

The Canadian Council of Teachers of English and the English Language Arts Council of the Alberta Teachers' Association are jointly sponsoring a five-day conference 7 to 11 May. The program consists of two days of pre-conference workshops and three days of full conference activities.

W.O. Mitchell (*Who has seen the Wind?*) and Monica Hughes (*The Keeper of the Isis Light*) will be in attendance, along with keynote speakers Donald Murray (University of New Hampshire); Roy Bentley (University of British Columbia); Mike Torbe (Coventry, England); Anthony Adams (Cambridge, England); Stephen

Tchudi (Michigan State University); Ken Watson (Sydney, Australia); David Dillon (University of Alberta); and Ian Pringle (Carleton University).

Poet Florence McNeil and Stephen Hume of the *Edmonton Journal* will be presenting luncheon addresses.

Conference sessions range in interest level from elementary school to college level, covering Canadian poetry, literature, speaking-writing relationship, talking and writing with micro-computers, public speaking, revision strategies, oral reading, peer-editing, and newspapers and other media. On-site registration is available. □

Nominees Sought for Alberta Achievement Awards

Planning for the 1985 Alberta Achievement Awards Ceremony is well under way, and committee organizers wish to remind people that nominations should be submitted prior to 14 June. Those Albertans honored will have made extraordinary contributions to the enrichment of the province by their involvement in education, sports, arts, humanities, sciences, agriculture or in some other

area. Awards will be presented to outstanding individuals, teams, those who have provided ten years or more exemplary service in a voluntary capacity, and to those who have been noted for exceptional contributions or achievements in a professional/occupational capacity. Alberta Achievement Awards are presented by Alberta Culture. □

U/CSPF Backs Trio of Projects

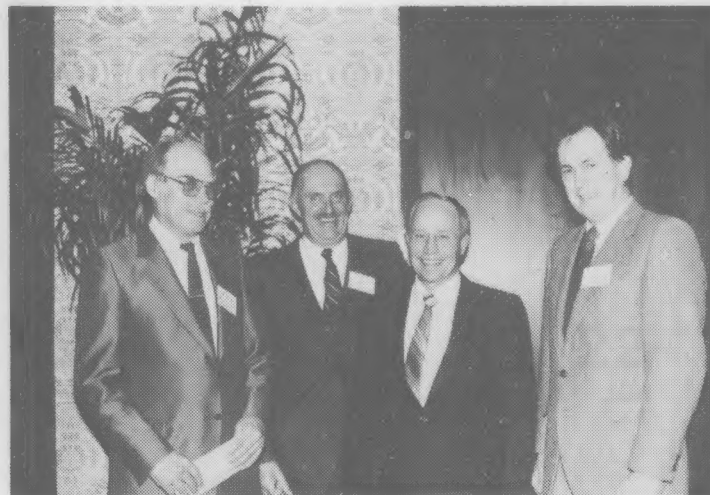
The University/Community Special Projects Fund Committee recently made three allocations.

Following a request from Father P. Wallace Platt, St. Joseph's College, the committee awarded \$7,000 for the purchase and installation of one stained glass window at the College and specified that Window #9, Pentecost, be acquired with the funds. The window will be installed in December.

The University Debating Society re-

ceived \$2,640 to help offset costs of their participation in the Inter-collegiate Debate Championship at McGill University.

The "John A. Allan, Alberta's First Geologist" exhibit will now become a reality as University Archives has received \$10,280 for production costs, material and services related to the exhibit. An additional \$765 was allocated to Archives to be used to repair the exhibit "Karl Clark: a Scientist with Tar on his Boots." □



The construction of a \$1 million swine facility at the University's Research Station one mile south of campus has recently been approved by the Provincial Government. The facility will greatly increase the University's ability to accommodate teaching and research projects. Funding for the project is being provided by a \$200,000 donation from the Alberta Pork Producers Marketing Board, matched by an Alberta Advanced Education Endowment Fund allocation, a special Advanced Education capital grant of \$200,000 and \$200,000 from the University. This amount will also be matched by the Endowment Fund. Here, Roy Berg (left) and R.T. Hardin (right) of the University thank Roy Barrett (next to Dr. Berg) and Vern Meek of the Pork Producers Marketing Board.

University Contributes to CNIB ART 85

There will be a strong University presence at the third annual CNIB ART 85, 7 to 18 May. More than 15 University artists will lend support to the show.

Norman Yates, Art and Design, has donated his drawing "Land Drawing No. 18" which will be the second draw prize in the raffle. Professor Yates, describing his involvement in the show, says that a strong connection exists between the work of artists and the work of the CNIB. "In each case, there is commitment to improvement at the highest plane of human endeavor, and a determination to make a contribution to human understanding without thought of personal material reward. That the energies of the CNIB and the artists come together in a celebration by way of an exhibition of art works seems to be

very appropriate."

The show, which will be held at the CNIB, 12010 Jasper Avenue, is a project to raise money to buy technical aids for blind people through proceeds from a raffle of four art prizes, and through a 40 percent commission on works of art sold during the show. The show has raised close to \$20,000 in the past two years, and more than 600 people have seen the show each year.

Graham Peacock, Art and Design, will be curator of an outdoor exhibition on the CNIB grounds facing Jasper Avenue and this sculpture exhibit will remain on site for 11 months. Other University faculty among the 100 artists participating are: Doug Barry, Paul Braid, Ihor Dmytruk, Doug Haynes, Yuriko Igarashi, Jonathan Knowlton, Carol

Louise Marshall, Lyndal Osborne, Harry Savage, Alfred Schmidt, George Weber and Polly Wong.

Raffle tickets are \$1 each and are available at CNIB, at CNIB Cater-Plan Services outlets (including the one at the University of Alberta Hos-

pitals) and at most art galleries in Edmonton, including Ring House Gallery.

After the gala opening on 7 May, the show will be open from 10 a.m. to 5 p.m., Monday through Saturday. □

Mathematics Error-Correcting Code Made Mistakes

McKernan Junior High School has a celebrity in its midst. Grade 8 student Mark Rabenstein (son of D. Rabenstein, Chemistry) has written an article that will be published in September in *Mathematics Magazine*. The publication is produced by the Mathematical Association of America.

Mark's article was concerned with "error-correcting codes" that he had learned in an enrichment program which is taught by Andy Liu, Department of Mathematics. (The program has been conducted for four years, and is funded by the University/Community Special Projects Fund.)

In his article, Mark briefly explained the situation and the problem: "A secret agent has to send a message back to headquarters. He uses a transmitter which sends a string of O's and I's. Unfortunately, from time to time, a 1 gets changed into a 0 while the message is on its way, or vice versa. So he has to send some extra digits to make sure there is no misunderstanding. Fortunately, no more than k digits in the expanded or encoded message are changed at one time. We studied many interesting schemes for encoding a message. The first one is really simple. Just repeat the message $2k + 1$ times, and the copy that appears at least $k + 1$ times is the correct one. However, this requires a lot of digits, and this is not good for a secret agent."

Mark found this system of decoding messages too complicated and left too large a margin for error, so he devised his own system. His article contains a solution (for which you will have to watch the September issue of

Mathematics Magazine), along with a reassurance to the publishers: "So my scheme does work. Of course, it still needs a lot of digits, unlike some really clever schemes I learned in the enrichment program." □

TRIUMF Tours Tantalize Tourists

Travelling west this summer? Here's another attraction for your itinerary. TRIUMF, a world-class particle physics research facility on the UBC campus, will offer tours beginning 1 May at 11 a.m. and 2 p.m., Monday to Friday (except holidays).

TRIUMF, located at the south end of Wesbrook Mall, houses the world's largest cyclotron. A cyclotron accelerates large numbers of atom-sized particles almost to the speed of light. The particles are then shot at various targets, and the ensuing nuclear reactions

are studied. TRIUMF is a joint project conducted by the Universities of Alberta, Victoria and British Columbia and Simon Fraser University.

The tours are free of charge, and last approximately 1 1/4 hours. Bear in mind that the tour may not be up the alley of children under 14, and that pregnant or handicapped people may have trouble with parts of the route. Advance notice should be given if you intend to have more than four people in the group so that extra tour guides can be arranged if necessary. □

Press's \$69,300 Question Answered

Affirmatively

The University of Alberta Press is pleased to announce that it has been notified that it will receive a grant of \$69,300 from Alberta Advanced Education for 1985-86, the same amount as for the previous year.

The Minister, the Hon. Dick Johnston, aligns the grant each year with the level of University support to its Press. Alberta Advanced Education has made grants to the Press since 1977 to enable it to publish works on

Canadian and specifically Western Canadian subjects that have small markets. This has enabled the Press to publish a number of works that would otherwise have been uneconomic.

Since this arrangement was made, a representative of the Minister, currently Henry Anderson, has sat as a non-voting member of the University Press Committee, allowing for valuable liaison between Advanced Education and the Press. □

Campus Security Urges Lockout—of Bicycle Thieves

Spring is upon us again with the accompanying increase of bicycles as a mode of transportation and unfortunately, from past experience, we can be certain there will be another rash of bicycle thefts.

We would like to remind cyclists that during the Spring and Summer season of 1984 57 bicycles were reported stolen from various places on campus. In most cases the chain-cable or lock was of inferior quality and was cut through. If you want to keep your bicycle safe, you should consider buying a good patent lock. There are a number of these on the market, and some, such as the Kryptonite, even come with an insurance policy against theft.

The purpose of this announcement is not only to alert cyclists to the danger of theft, but also to request all who read this to report any suspicious activities you see in the vicinity of bicycles on campus to Campus Security at 432-5252. □

The preceding was prepared for Folio by R.J. Oliver, Chief Security Officer, Campus Security.

Summer Hours: Registrar's Office

Commencing 1 May, public opening hours for the Office of the Registrar will become 8:15 a.m. to noon and 1 to 4 p.m. for the summer.

The Office's winter public opening hours will similarly be delayed by 15 minutes each morning. Staff will continue to work regular University operating hours; however, the first 15 minutes of each working day will be dedicated to briefing and staff training. The Registrar's Office asks that people refrain from telephoning the office during this brief interval. It is expected that this preparation time will enable staff to enhance service to University staff and students. □

Faculty Studies 1985-86

Applications for faculty studies (Cameron and Rutherford Libraries) for the 1985-86 academic year are now being accepted. Application forms and the guidelines for allocation are available from department offices or the Office of the Chief Librarian, 5-02 Cameron Library. The closing date for application is 1 May 1985. □

people

David Baine, J.P. Das and Lorraine Wilgosh, (Educational Psychology) participated in the 7th World Congress of the International Association for the Scientific Study of Mental Deficiency, in Delhi, India. Dr. Wilgosh was chairman of a session and presented two papers. Dr. Das presented a paper in a symposium on remedial training of the mentally retarded organized by Adrian Ashman, a graduate of the Department of Educational Psychology. Dr. Baine presented a paper and conducted a workshop at the National Institute of Mental Health and Neurosciences in Bangalore, India. In addition, Dr. Baine was elected as the Representative of the Americas on the Executive Committee of the Commonwealth As-

sociation of Mental Handicaps and Developmental Disabilities. Both Drs. Das and Baine received travel grants from the Social Sciences and Humanities Research Council of Canada.

On 26 March, James G. MacGregor (Civil Engineering) was awarded the 1985 Arthur J. Boase Award of the Reinforced Concrete Research Council of the American Society of Civil Engineers for "his noteworthy research on reinforced concrete and his sustained and effective contributions to the preparation of building codes in both the United States and Canada."

The A.J. Boase Award is the only award given by the Reinforced Concrete Research Council. It commemorates a pioneer in the field of reinforced concrete design and research.

Dr. MacGregor has been a member of the building code committee of the American Concrete Institute since 1971. Since 1976, he has been Chairman of the Canadian Standards Association Technical Committee on Reinforced Concrete Design which writes the Canadian reinforced concrete building code. In addition, he is the Canadian delegate to the Comité Euro-International du Béton which writes comparable European codes.

Dr. MacGregor is a 1956 graduate of the University of Alberta and has been a faculty member since 1956. He is a principal in the firm MKM Engineering Consultants. He has carried out research on the shear strength stability and safety of concrete structures and more recently on concrete off-shore oil production structures for the Arctic Ocean.

Duncan Fishwick (Classics) recently attended the *Troisième Colloque Internationale sur l'Histoire et l'Archéologie de l'Afrique Méditerranéenne*, held at Montpellier in conjunction with the *110e Congrès National des Sociétés Savantes de France*. In addition to giving a paper "Une dédicace à la domus divina à Lambèse," he presided at the second and at the sixth and final sessions of the meeting.

Jeanette Boman (Nursing) has been given the N.U.S. Undergraduate Teaching Award (Basic and Post-Basic) for 1984-85.

Timothy Brook (Mactaggart Fellow, History) presented a paper entitled "The Sense of the Past Among Chinese Historians" at the School of Oriental and African Studies, University of London, on 25 April.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Lectures and Seminars

Area Studies Committee on Africa and South Asia

29 April, noon. Safiqul Islam and R.I. Chowdhury, "Contraceptive Prevalence Survey of Bangladesh." 5-15 Tory Building.

East Asian Languages and Literatures and the Consulate General of Japan

30 April, 2:30 p.m. Shiko Kataoka, Japan, "The Development of the Hiragana Script and its Distinctiveness as a Calligraphic Style." L-2 Humanities Centre.

University of Alberta Finnish Club

4 May, 8 p.m. Matti Kaups, Professor of Sociology-Anthropology-Geography, University of Minnesota, Duluth, "Finnish Rural Architecture: Form and Function." Heritage Lounge, Athabasca Hall.

Music

Edmonton Youth Orchestra

5 May, 3 p.m. Orchestra II—conductor, Michael Massey and soloist, Andrew Yeung. Admission free. Convocation Hall.

11 and 12 May, 8 p.m. Orchestra I—conductor, Michael Massey. Admission: \$4—adults, \$2—seniors/students; available from orchestra members and at the door.

Films

Alberta Nurses for Nuclear Disarmament and Physicians for Social Responsibility

30 April, noon. "Notes on Nuclear War."
7 May, noon. "Nuclear War on the Prairies."
14 May, noon. "Hell Unlimited."

An educational film series on the nuclear arms race. 2-115 Clinical Sciences Building. Refreshments provided.

Exhibitions

Ring House Gallery

Until 28 April. "XVII & XVIII Century Maps of Ukraine." A pictorial description of the history of Ukraine and an opportunity to see the evolution in the science of cartography.

3 to 26 May. "Rural Alberta Community Photo Exhibition." A pictorial anthology on contemporary rural Alberta.

Matters of Faith

Catholic Campus Ministry

St. Joseph's College Mass Time, September to April. Monday, Wednesday, Friday - 7:30 a.m., 12:10 and 4:30 p.m.; Tuesday, Thursday - 7:30 a.m., 12:30 and 4:30 p.m.; Saturday, 4:30 p.m.; Sunday - 9:30 and 11 a.m., 4 and 8 p.m.

Theatre

SUB Theatre

Happenings

26 April, 2 p.m. "The U of A Hospital School of Nursing Graduation Ceremony." By invitation only. For more information, call 432-6728 or 432-8322.

27 April, 8 p.m. "Maranaw: A Celebration"—a cultural fashion show. For more information, call Art at 473-2387 or 473-9001.

Studio Theatre

25 April to 4 May. "Come Back to the Five and Dime Jimmy Dean, Jimmy Dean." Tickets: Studio Theatre Box Office or at the door. Telephone 432-2495 for further information.

Théâtre Français d'Edmonton

27, 28 April, 2, 3, and 4 May, 8 p.m., and 5 May, 3 p.m. "Joyeuses Paques." For further information, call 469-0829.

Non-Credit Courses

Computing Services

MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)
AJ510 Operation and Visual Editing (Prerequisite)
MTS Overview (Prerequisite)

TEXTFORM

Introduction to Text Formatting (Prerequisite)

SPIRES

Introduction to SPIRES (Prerequisite)
Advanced SPIRES

Graphics

Integrated Graphics Overview (IG)

Statistics

Data Preparation for Statistical Packages (Prerequisite)
Introduction to SPSSx
Introduction to MIDAS

Microcomputers

Introduction to the IBM PC
Introduction to the Personal Editor
Introduction to MultiMate
Advanced MultiMate
Introduction to Microcomputers
Introduction to MicroSoft FORTRAN
Introduction to Macintosh

The above courses are offered regularly through the day with limited evening selections. Registration will be taken over the phone for all courses except evening courses. These may be made in per-

son at 352 General Services Building, or by mail. Payment must accompany registration for all evening courses. Please make cheques payable to the University of Alberta.

Waiting List Courses

The following courses are only offered when a sufficient number of people express an interest.

Advanced Text Formatting
Introduction to Plotting
Introduction to Programming
Introduction to Typesetting
Introduction to APL
Introduction to Tell-A-Graf
Introduction to BMDP
Introduction to MINITAB
Introduction to TROLL

For more information on any of the courses listed above, telephone the Training Coordinator at 432-2511, between 8 a.m. and 4 p.m., weekdays.

Faculty of Extension

Certificate Programmes

For further information on the programmes listed below, telephone 432-5545 or 432-3027 between 8:30 a.m. and 4:30 p.m., Monday to Friday.

Management Development
Personnel Administration
Computers and Business Data Processing
Industrial Security Management
Purchasing Management Development
Applied Land Use Planning Certificate Programme
Public Administration Certificate (432-5052)

Citation Programme

For further information on the following programmes, telephone the number(s) listed behind the course.

Executive Development Programme for Women (432-5545 or 432-3027)

Supervisory Development Programme (432-5066)

Land Use Planning Studies

For further information on the following courses, telephone 432-2912.

Plans and Processes
Survey and Analysis (Field Trip)

Industrial Courses

For further information on the course listed below, telephone 432-2912.

Maintenance Management

PLATO Learning Centre

"Computer-Taught" courses can be taken any time at your convenience. For further information on this unique way of learning, telephone 432-2444.

Introduction—Keyboarding, Word Processing
Excellence in Administrative Assistant/Secretarial Work
Introduction—Computers, Data Processing
Introduction to Programming—BASIC, PASCAL, FORTRAN
Time—Resource, Financial or Planning Management

Applied Behavioral Sciences Division

For further information on the following courses, telephone 432-5069.

Assessing Program Effectiveness
Strategies for Managing Stress
Accessing Your Personal Power
Introduction to NLP™ (Neuro-Linguistic Programming™)
Assertion and Interpersonal Skills Training for Professionals—Level I

Devonian Botanic Garden

For a detailed brochure and registration form, telephone 987-3054.

Pruning
Suitable Conifers for the Alberta Landscape
Willow Basketry
Decorating With Porcupine Quills

Notices

General Faculties Council

GFC's next meeting is scheduled for 29 April at 2 p.m. in the University Hall Council Chamber.

1. Approval of the Agenda.
2. Approval of the Minutes of 25 March 1985.
3. Question Period
4. New members of GFC 1985-86

Reports

5. Executive Committee Reports
- 5.1 Executive Committee Minutes of 18 March 1985
- 5.2 Executive Committee Minutes of 1 April 1985
- 5.3 Executive Committee Minutes of 15 April 1985
6. Report of the Board of Governors
7. Report of the Nominating Committee
8. Oral Report of the Academic Development Committee
9. Oral Report of the Facilities Development Committee
10. Oral Report of the Planning and Priorities Committee

Business Arising

11. Writing Competence/Testing and Remediation Policies: Revised Proposal from the Academic Development Committee

New Business

12. Code of Student Behavior and Student Disciplines Procedures: Proposal from the Campus Law Review Committee
13. Nominating Committee Replenishment
14. Other Business

For information concerning this agenda, members of the University may telephone Becky J. Hjartarson, the Assistant Secretary to GFC, 432-4733.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Tenure Track Position, Dental Hygiene

Applications are invited for a full-time tenure track position in the Division of Dental Hygiene. Candidates must be eligible to practice Dental Hygiene in Alberta. A Master's Degree, or Doctorate Degree, previous teaching, clinical supervisory and research skills preferred. Salary is commensurate with education and experience.

Applications should be forwarded by 31 May 1985 to Dr. R.L. Ellis, Chairman, Department of Dental Health Care, Faculty of Dentistry, University of Alberta, Edmonton, Alberta T6G 2N8. Telephone (403) 432-3631.

Manager, Parking Services

Responsible to the Director of Physical Plant for the development, administration and enforcement

for Parking Services operations involving 6,000 parking spaces in parkades and surface lots, 38 to 48 kiosk enforcement and administrative staff.

Duties include formulation of policy, parking permit allocations, controlling parking access, enforcing parking regulations, development of parking areas and financial responsibility for parking operations.

Experience in development and management of parking operations, good interpersonal skills are essential qualifications.

Salary Range: \$24,900 to \$40,800 per year (under review) enhanced with a comprehensive benefits package.

Interested applicants call 432-3387 for further information or apply to: Administrative Services Personnel Office, 563 General Services Building, University of Alberta, Edmonton, Alberta T6G 2E7.

Research Assistant, Department of Medicine

A full-time nurse, or physiotherapist or physician's assistant is required for clinical research studies. Write to the Rheumatology Division, Clinical Sciences Building, University of Alberta, Edmonton, Alberta T6G 2G3 or call 432-6296.

Terms to be negotiated.

Area Coordinator—Technical Services

The University of Alberta Library invites applications for the position of Area Coordinator—Technical Services. This position reports directly to the Chief Librarian/Director of Libraries, and is responsible for the administration of all technical services. The incumbent will be responsible for planning, policy formulation, budget preparation and control, and staff development within the Technical Services Area.

Technical Services is currently organized into Acquisitions, Bibliographic Verification, Cataloguing and Bindery Divisions. Various automated systems are used to support acquisitions, cataloguing and a developing on-line public catalogue.

The successful candidate will have a degree in library science from an accredited library school, as well as several years of progressively responsible relevant library experience. Such experience should include senior administrative experience in technical services. Experience with or knowledge of automated systems is required.

Starting salary will be commensurate with experience and qualifications. The anticipated date of appointment is 1 August 1985.

Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Peter Freeman, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8, prior to 30 June 1985.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 19 April 1985. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Positions available as of 19 April 1985.

Clerk Typist II (\$1,161-\$1,442) Provincial Laboratory
Clerk Typist II (\$1,161-\$1,442) Student Awards
Clerk Typist II (Term to Nov./85) (\$1,161-\$1,442) Faculté Saint-Jean
Clerk Steno II (Part-Time/Trust) (\$8.20/hr.) Cancer Research Group

Clerk Steno III (\$1,294-\$1,625) Boreal Institute for Northern Studies
Clerk Steno III (\$1,294-\$1,625) Extension
Clerk Steno III (\$1,294-\$1,625) History
Clerk Steno III (\$1,294-\$1,625) Law
Clerk Steno III (\$1,294-\$1,625) Computing Science
Clerk Steno III (\$1,294-\$1,625) Pathology
Clerk Typist III (\$1,294-\$1,625) Political Science
Clerk Typist III (\$1,294-\$1,625) Housing and Food Services
Admissions Records Clerk (\$1,294-\$1,625) Registrar's Office
Medical Stenographer (\$1,442-\$1,842) Paediatrics
Administrative Clerk (\$1,442-\$1,842) Research Services
Timetabling Clerk (\$1,625-\$2,092) Registrar's Office
Technical Assistant (\$1,294-\$1,625) Technical Services—Photo Services
Technician I (Trust, Part-Time) (\$749-\$960) Psychiatry
Computer Operator (\$1,561-\$2,003) Office of Administrative Systems
Electron Microscope Technician II (\$1,697-\$2,182) Zoology
Technologist I (Trust) (\$1,697-\$2,182) Foods and Nutrition
Art Technician Demonstrator I (Part-Time) (\$883-\$1,140) Art and Design
Specialist Technician (\$2,596-\$3,390) Physical Plant—Energy Management

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Accommodations available

Rent - University Avenue, 10839. Beautifully furnished, one-bedroom apartment. \$400. Caretaker #16.

Rent - Old Strathcona. Two bedrooms, top floor of house, private entrance, fully carpeted. Available 1 May, \$375. 987-2738 evenings.

For rent - Garneau area. Furnished, two-bedroom condo. May-September. Five appliances, fully carpeted, underground parking, air conditioned. All utilities except phone. \$600 per month. Call 439-7522 or 1-349-3169 (collect).

Rent - Four-bedroom, fully furnished home. Near West Edmonton Mall. \$750/month plus utilities. July 1985-August 1986. 484-9166.

For sale - Belgravia. Three great bungalows. Excellent locations. \$98,500 to \$116,500. Ed Lastiwka, LePage, 437-7480, 437-4984.

For sale - Belgravia. \$74,500. Super, two-bedroom bungalow. South-facing backyard. Quiet location. Ed Lastiwka, LePage, 437-7480, 437-4984.

Sale - By owner. Three-storey, family home. 2,700' of comfortable living. Old fashioned charm, attractive terms for qualified buyer. Reduced, \$219,000. 433-6169.

Sublet - Two-bedroom, furnished apartment in Michener Park. 1 June-31 August. 434-1259.

Private sale - University, McKernan, two-storey, two bedrooms. Professionally renovated in cedar and brick with two skylights. Remodelled

kitchen and bathrooms. 436-4738 after 6 p.m.
Sale - Armstrong, B.C. Secluded, three-bedroom home on 12-acre, treed property with lake frontage. \$115,000. 604-546-6025.

Sale - 11015 University Avenue. Completely renovated, two bedrooms, \$74,900. Dave, 437-0794.
House for rent - Two-bedroom, with two-bedroom suite. 80 Ave. and 112 St. \$650. Call Dave, 433-3021.

Rent - One-bedroom apartment, near campus, till fall. \$300. 488-0351.

Rent - Furnished, one-bedroom suite. Allendale. \$300/month. Available anytime. Call 434-5097.

Rent - Sabbatical, Belgravia, furnished, three-bedroom house. Beautiful backyard. Opposite school. July 1985-August 1986. 437-6879, 432-5162.

Available immediately - Spacious and bright basement apartment with sauna, furnished or unfurnished, easy walking distance from University. Suitable, serious post-graduate or couple. Ring Joan, 482-7575 (bus.), 464-7230 (evenings).

Sale - 11627 78 Ave. For viewing, call 435-8694. For price, call collect, 1-306-955-1769 after 6 p.m.

Rent - One-bedroom, basement suite. Semi-furnished, close to University. Non-smoker, available 1 May or negotiable date. \$295 includes utilities. Washer, dryer. 433-7567 evenings.

Sale - Executive, custom built, four bedrooms, loft, cedar ceiling, fireplaces, oak cabinets. \$158,500. Offers! 436-9649.

For rent - Sabbatical house, furnished, bi-level, four bedrooms, two bathrooms, family room,

fireplace, deck, garage. Available 1 July. Phone 463-4521 or 479-8481 ext. 209.

Sale - Parkallen. Semi-bungalow, four bedrooms, library, panelled dining room, refinished floors, 1,675 sq. ft. plus basement suite. Please call Ken Smith, ReMax Real Estate, 462-5000.

Sale - Condos. University and Riverbend. Luxury: pools, saunas, jacuzzi, parking, appliances. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Belgravia. Cozy, bright bungalow. Family kitchen. Fireplace. Front drive garage and carport. Quiet street. Walk to University. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Parkallen. Four-bedroom, two-storey, four bathrooms. Walk to University. Partially furnished. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Residential lots. One acre plus, south of Riverbend. Acreage living within city limits. Some ravine lots. Price \$49,000-\$95,000. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sublet - Furnished, one-bedroom apartment. Reasonable. 9 May-August. Overlooks river, Saskatchewan Drive. P. Askren, 283-4411, 433-6393.

Small office sublet - May-September. \$325, furnished, includes phone. 488-0161.

Sublet - Home on ravine, May-end August. Furnished, near bus, cat welcome. \$425. West end. 488-0161.

Sale - Windsor Park. Three-bedroom bungalow. Large lot. Refinished, hardwood floors. Four appliances. Double garage. Southern exposure. Priced to sell, \$95,000, mortgage \$60,500/12 3/4%. Reina Proudfoot, Royal LePage, 435-4869, 436-2556.

Accommodations wanted

Professional couple, two children, will rent/housesit, two-bedroom home for 1985-86 sabbatical. Quiet, non-smoking, no pets. Excellent references. 433-5176 after 12 noon.

Responsible, married couple need home to rent or housesit for summer months. Flexible dates. Quiet, non-smokers. References. Call Peggy, 427-7014 (work), 433-9983 (home).

Automobiles and others

For sale - 1979 Chevette, auto., 65,000 miles, one woman owner. \$2,100 or best offer. Call 439-7311 days, 435-6723 evenings and weekends.

Goods for sale

Rent to own, new Royal electronic typewriters or purchase used electrics at Mark 9, HUB Mall, 432-7936.

Bunting-receiving cover for newborn. Beautiful gift. White, ribbons in color of choice. Washable, no iron. \$35.99. Box 1743, Edmonton, Alberta T5J 2P1.

Peavey T-40 electric bass, Garnet Lil' rock amplifier 50W. Like new. Best offer. 439-5877.

Harpichord Spinnet, built by John Feldberg after original Gottfried Silbermann, 1740. \$1,500. 436-1410 after 5 p.m.

Beautiful, four poster waterbed. King size, heater, six drawer pedestal, \$450. Leave message, 481-9698.

Piano - Oak, upright, good condition, \$800. 436-6619 evenings.

Adorable, English Springer Spaniel pups. Superb, champion stock. Liver, white. M/F. Perfect for pet, farm, breeding. Ready 9 May. \$250, firm. Jim, 421-4863.

Sheltie puppies, \$100. Phone 439-2492 afternoons. Culley Schweger.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.
Singing teacher, Eileen Turner, 439-4661.

Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.
Thesis special - Word processing, \$15/hour. City Secretarial Service. 432-0138.

Academic staff: Supplementary healthcare reimburses treatment costs for backaches, stress tension at Back Basic Therapy. Maria Krieg, university-trained in Düsseldorf, offers: Heat, massages, chiogymnastics, interferential electrotherapy. 436-8059. 11610 75 Ave.

Edmonton Public Schools offer German bilingual programs. Rideau Park, 437-0010. Forest Heights, 466-0312. Register now for kindergarten and grade one, 1985/86.

Journeymen carpenters - Dave Richards, 437-0794. Miles Murray, 961-2541. Renovations, repairs, linoleum, cabinets, drywall taping, painting, sun-decks, fences, patio doors, plumbing, electrical, skylights, sheds. References.

Landscaping, lawn maintenance. Martin, 433-8729 evenings.

Szechuen cuisine. 15525 Stony Plain Road. Lunch 11:30 a.m.-2:30 p.m., Monday-Friday. Supper 5 p.m.-10:30 p.m., Sunday-Thursday, 5 p.m.-12:30 a.m., Friday-Saturday. For reservations and take-out, call 486-1136. Parking available.

New in Edmonton! Szechuen Cuisine. 15525 Stony Plain Road. Spicy, tasty dishes prepared by chef with 18 years' experience. Lunch and dinner. Call 486-1136.

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